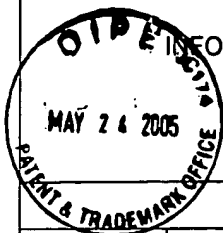


FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23682Application No.
10/646,872Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2872INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(19)		4	8	4	1	3	2	3	06/20/89	YAMADA et al.			
	2004 /	0	0	4	2	9	0	2	03/04/04	NOMURA			
	2004 /	0	1	4	1	7	3	5	07/22/04	NOMURA et al.			
	2004 /	0	0	6	2	5	3	6	04/01/04	NOMURA			
	2004 /	0	0	4	2	7	7	6	03/04/04	NOMURA			
(19)		6	1	8	5	3	7	5	02/06/01	MIKAMI			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
(19)	2000	-	0	2	3	0	0	2	01/21/00	JAPAN			X	
	6	-	3	0	8	5	9	2	11/04/94	JAPAN			X	
	7	-	1	9	9	0	1	9	08/04/95	JAPAN			X	
	5	-	3	1	3	2	2	6	11/26/93	JAPAN			X	
	7	-	2	9	5	0	5	0	11/10/95	JAPAN			X	
	9	-	0	0	5	8	4	9	01/10/97	JAPAN			X	
	61	-	1	3	3	9	3	3	06/21/86	JAPAN				
	2003	-	1	1	4	4	7	3	04/18/03	JAPAN			X	
	2004	-	2	5	7	5	5	5	09/16/04	JAPAN				
(19)		2	3	9	4	7	8	7	05/05/04	UNITED KINGDOM				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(19)	1	English Language Abstract of JP 61-133933.

EXAMINER

DATE CONSIDERED

06-06-2005

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.